

L Number	Hits	Search Text	DB	Time stamp
127	1	("20030121614").PN.	USPAT; US-PGPUB	2003/09/26 12:54
128	58884	surface adj roughness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 16:38
129	23	(surface adj roughness) and (discrete adj parts)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 12:55
130	63	(surface adj roughness) and (discrete adj (parts or portions))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 12:55
139	29	("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357").PN.	USPAT	2003/09/26 13:24
140	30	("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357"   "6450321").PN.	USPAT	2003/09/26 13:24
141	0	6524423.URPN.	USPAT	2003/09/26 13:24
142	7	("2209765"   "4061527"   "4079875"   "4726876"   "5716478"   "5759340"   "5791219").PN.	USPAT	2003/09/26 13:24
143	0	6523595.URPN.	USPAT	2003/09/26 13:24
146	5	5759340.URPN.	USPAT	2003/09/26 13:25
147	0	6544375.URPN.	USPAT	2003/09/26 13:25
148	5	("3957570"   "4767487"   "5660657"   "5759340"   "6092802").PN.	USPAT	2003/09/26 13:25
151	0	6533879.URPN.	USPAT	2003/09/26 13:25

152	92	( "3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"   "5354400"   "5385706"   "5389173"   "5393360"   "5407507"   "5413654"   "5454803"   "5500075"   "5503919"   "5509985"   "5516392"   "5517737"   "5518566"   "5525175"   "5540672"   "5547531"   "5556504"   "5622578"   "5662636"   "5704930"   "5716478"   "5732087"   "5733401"   "5745922"   "5749865"   "5749989"   "5759340"   "5772825"   "5776121"   "6287409"   "6375769" ) . PN.	USPAT	2003/09/26 13:25
155	3	6375769.URPN.	USPAT	2003/09/26 13:27
156	93	( "3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4925520"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"   "5354400"   "5385706"   "5389173"   "5393360"   "5407507"   "5413654"   "5454803"   "5500075"   "5503919"   "5509985"   "5516392"   "5517737"   "5518566"   "5525175"   "5540672"   "5547531"   "5616387"   "5622578"   "5662636"   "5704930"   "5723087"   "5733401"   "5745922"   "5749865"   "5749989"   "5755902"   "5766411"   "5772825"   "5776121"   "5938651"   "6375769"   "2001/0042591" ) . PN.	USPAT USPAT	2003/09/26 13:27 2003/09/26 13:27
157	14	( "5147487"   "5188627"   "5213645"   "5634917"   "5643396"   "5645543"   "5660657"   "RE35687"   "5745922"   "5749989"   "5836931"   "5879500"   "6315022"   "6375769" ) . PN.	USPAT	2003/09/26 13:28
158	0	6521320.URPN.	USPAT	2003/09/26 13:28

159	34	("1494044"   "1998140"   "2397641"   "2435945"   "2538596"   "3087495"   "3142301"   "3368563"   "3687141"   "3720212"   "3901236"   "D245546"   "4076663"   "4286082"   "4302853"   "4560381"   "4650530"   "D290060"   "4690681"   "4940464"   "4972525"   "4984304"   "D315050"   "5046272"   "5087255"   "5204997"   "5255393"   "5440764"   "5535452"   "5591155"   "5595618"   "5759340"   "5830206"   "6113717").PN.	USPAT	2003/09/26 13:28
164	28	("3963557"   "4061527"   "4297157"   "4464217"   "4479836"   "4486192"   "4488923"   "4523969"   "4572043"   "4578133"   "4608115"   "4610751"   "4617082"   "4642150"   "4648928"   "4704116"   "4710187"   "4726873"   "4726876"   "4762521"   "4770656"   "4786346"   "4798603"   "4925520"   "4941939"   "5091039"   "5244530"   "5275676").PN.	USPAT	2003/09/26 13:28
165	13	5716478.URPN.	USPAT	2003/09/26 13:29
168	5	("3957570"   "4767487"   "5660657"   "5759340"   "6092802").PN.	USPAT	2003/09/26 13:29
169	0	6544375.URPN.	USPAT	2003/09/26 13:29
172	92	("3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"   "5354400"   "5385706"   "5389173"   "5393360"   "5407507"   "5413654"   "5454803"   "5500075"   "5503919"   "5509985"   "5516392"   "5517737"   "5518566"   "5525175"   "5540672"   "5547531"   "5556504"   "5622578"   "5662636"   "5704930"   "5716478"   "5732087"   "5733401"   "5745922"   "5749865"   "5749989"   "5759340"   "5772825"   "5776121"   "6287409"   "6375769").PN.	USPAT	2003/09/26 13:29
173	0	6533879.URPN.	USPAT	2003/09/26 13:29

190	201	("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357").PN.) or ("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357"   "6450321").PN.) or ("2209765"   "4061527"   "4079875"   "4726876"   "5716478"   "5759340"   "5791219").PN.) or 5759340.URPN. or ("3957570"   "4767487"   "5660657"   "5759340"   "6092802").PN.) or ("3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"   "5354400"   "5385706"   "5389173"   "5393360"   "5407507"   "5413654"   "5454803"   "5500075"   "5503919"   "5509985"   "5516392"   "5517737"   "5518566"   "5525175"   "5540672"   "5547531"   "5556504"   "5622578"   "5662636"   "5704930"   "5716478"   "5732087"   "5733401"   "5745922"   "5749865"   "5749989"   "5759340"   "5772825"   "5776121"   "6287409"   "6375769").PN.) or 6375769.URPN. or ("3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4925520"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"	USPAT	2003/09/26 13:57
Search History		9/26/03 8:04:32 PM Page 4		
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191	14	4767487.URPN.	USPAT	2003/09/26 13:44
192	24	4726876.URPN.	USPAT	2003/09/26 13:45
193	27	4617082.URPN.	USPAT	2003/09/26 13:47
194	36	4578133.URPN.	USPAT	2003/09/26 13:50
195	33	3963557.URPN.	USPAT	2003/09/26 13:53

196	30	(((("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357").PN.) or ((("3957570"   "4364787"   "4642150"   "4726876"   "4925520"   "5041073"   "5102486"   "5200020"   "5224405"   "5296080"   "5308345"   "5380381"   "5407513"   "5415716"   "5457939"   "5540796"   "5545285"   "5556504"   "5746869"   "5876163"   "5938944"   "6022443"   "6047642"   "6069294"   "6086694"   "6098557"   "6149755"   "6165306"   "6250357"   "6450321").PN.) or ((("2209765"   "4061527"   "4079875"   "4726876"   "5716478"   "5759340"   "5791219").PN.) or 5759340.URPN. or ((("3957570"   "4767487"   "5660657"   "5759340"   "6092802").PN.) or ((("3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"   "5354400"   "5385706"   "5389173"   "5393360"   "5407507"   "5413654"   "5454803"   "5500075"   "5503919"   "5509985"   "5516392"   "5517737"   "5518566"   "5525175"   "5540672"   "5547531"   "5556504"   "5622578"   "5662636"   "5704930"   "5716478"   "5732087"   "5733401"   "5745922"   "5749865"   "5749989"   "5759340"   "5772825"   "5776121"   "6287409"   "6375769").PN.) or 6375769.URPN. or ((("3338992"   "3341394"   "3371668"   "3468748"   "3502538"   "3502763"   "3542615"   "3692618"   "3802817"   "3849241"   "4061063"   "4300562"   "4300967"   "4340563"   "4371417"   "4397704"   "4412881"   "4432823"   "4486192"   "4578133"   "4610681"   "4617082"   "4639949"   "4641381"   "4642819"   "4646362"   "4648928"   "4650532"   "4663220"   "4675016"   "4687477"   "4726873"   "4743241"   "4747846"   "4786346"   "4863542"   "4915767"   "4917746"   "4925520"   "4940464"   "4943340"   "4946539"   "5046272"   "5055103"   "5092861"   "5104116"   "5143679"   "5147487"   "5156793"   "5167897"   "5171388"   "5180534"   "5213645"   "5224405"   "5226992"   "5230851"   "5259902"   "5275676"   "5318741"   "5326415"   "5334152"   "5342341"	USPAT	2003/09/26 15:03
Search History	9/26/03 6:04:32 PM	Page 6		
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197	1	("2,592,581").PN.	USPAT	2003/09/26 14:01
198	30	(US-6550517-\$ or US-6524423-\$ or US-6523595-\$ or US-5759340-\$ or US-6533879-\$ or US-6521320-\$ or US-5660657-\$ or US-5556504-\$ or US-5545285-\$ or US-5308345-\$ or US-5275676-\$ or US-5224405-\$ or US-5091039-\$ or US-4941939-\$ or US-4925520-\$ or US-4767487-\$ or US-4726876-\$ or US-5021111-\$ or US-4617082-\$ or US-4726874-\$ or US-4608115-\$ or US-4578133-\$ or US-4572043-\$ or US-4364787-\$ or US-4297157-\$ or US-3963557-\$).did. or (US-4610751-\$ or US-5525175-\$ or US-3957570-\$).did. or (US-20030121614-\$).did.	USPAT; US-PGPUB	2003/09/26 14:10
199	7	((US-6550517-\$ or US-6524423-\$ or US-6523595-\$ or US-5759340-\$ or US-6533879-\$ or US-6521320-\$ or US-5660657-\$ or US-5556504-\$ or US-5545285-\$ or US-5308345-\$ or US-5275676-\$ or US-5224405-\$ or US-5091039-\$ or US-4941939-\$ or US-4925520-\$ or US-4767487-\$ or US-4726876-\$ or US-5021111-\$ or US-4617082-\$ or US-4726874-\$ or US-4608115-\$ or US-4578133-\$ or US-4572043-\$ or US-4364787-\$ or US-4297157-\$ or US-3963557-\$).did. or (US-4610751-\$ or US-5525175-\$ or US-3957570-\$).did. or (US-20030121614-\$).did.) and (recess or concave)	USPAT	2003/09/26 14:10
200	26	5021111.URPN.	USPAT	2003/09/26 14:15
201	2	5021111.URPN. and (recess\$4 or concave)	USPAT	2003/09/26 14:16
202	192	purvis.xa.	USPAT	2003/09/26 15:18
203	4	("2621434"   "4602977"   "5019207"   "5111633").PN.	USPAT	2003/09/26 14:16
204	4	4602977.URPN.	USPAT	2003/09/26 14:22
205	5	("2107311"   "2543220"   "3536560"   "3864187"   "4309237").PN.	USPAT	2003/09/26 14:23
226	1	("6482278").PN.	USPAT	2003/09/26 14:52
271	1	("20020103468").PN.	USPAT; US-PGPUB	2003/09/26 14:53
272	1	("20030116257").PN.	USPAT; US-PGPUB	2003/09/26 14:59
273	3	((("5025910") or ("5224405") or ("6139004")).PN.	USPAT; US-PGPUB	2003/09/26 15:02
274	2	6139004.URPN.	USPAT	2003/09/26 15:00
275	7	("3096977"   "3689065"   "4394898"   "6116317"   "6139004"   "6325201"   "6336492").PN.	USPAT	2003/09/26 15:00
276	1	"5080341".PN.	USPAT	2003/09/26 15:00
277	7	5025910.URPN.	USPAT	2003/09/26 15:01
278	2787	(198/\$.ccls. or 271/\$.ccls.) and (pad or diaper)	USPAT	2003/09/26 15:03
279	722	((198/\$.ccls. or 271/\$.ccls.) and (pad or diaper)) and (recess or concave)	USPAT	2003/09/26 15:04
280	640	((198/\$.ccls. or 271/\$.ccls.) and (pad or diaper)) and (recess or concave)) and (rotary or rotate or rotating or rotation)	USPAT	2003/09/26 15:05
287	4	("5300160"   "5405482"   "5478428"   "5730816").PN.	USPAT	2003/09/26 15:15
288	0	6450227.URPN.	USPAT	2003/09/26 15:15
289	5728	(concave or recess) near5 (label or pad)	USPAT	2003/09/26 15:19
290	1995	((concave or recess) near3 (surface or face)) near5 (label or pad or elastic)	USPAT	2003/09/26 15:20
291	1812	((concave or recess) near2 (surface or face)) near5 (label or pad or elastic or article)	USPAT	2003/09/26 15:50

292	44	((concave or recess) near2 (surface or face)) near5 (label or pad or elastic or article) near10 (transfer or reposition\$4 or apply\$4 or place)	USPAT	2003/09/26 15:50
293	6	5853530.URPN.	USPAT	2003/09/26 15:22
294	15	("4124429"   "4210484"   "4255220"   "4267004"   "4314869"   "4337108"   "4566933"   "4581094"   "4612079"   "4830701"   "4844771"   "5022954"   "5232540"   "5306375"   "5470420").PN.	USPAT	2003/09/26 15:23
297	918	((concave or recess) near2 (surface or face)) near5 holder	USPAT	2003/09/26 15:50
298	329	(concave near2 (surface or face)) near5 holder	USPAT	2003/09/26 15:54
299	17	(concave near2 (surface or face)) near5 (label or pad or elastic or article) near10 (transfer or reposition\$4 or apply\$4 or place)	USPAT	2003/09/26 15:53
300	10	(concave near2 (surface or face)) near5 holder near10 (transfer or reposition\$4 or apply\$4 or place)	USPAT	2003/09/26 15:52
301	13	(concave near2 (surface or face)) near5 (label or pad or elastic or article) near10 holder	USPAT	2003/09/26 15:53
302	9	((concave near2 (surface or face)) near5 holder) and (156/\$.ccls. or 271/\$.ccls. or 198/\$.ccls.)	USPAT	2003/09/26 15:55
305	31	(US-6550517-\$ or US-6524423-\$ or US-6523595-\$ or US-5759340-\$ or US-6533879-\$ or US-5660657-\$ or US-5556504-\$ or US-5545285-\$ or US-5308345-\$ or US-5275676-\$ or US-5224405-\$ or US-5091039-\$ or US-4941939-\$ or US-4925520-\$ or US-4767487-\$ or US-4726876-\$ or US-5021111-\$ or US-4617082-\$ or US-4726874-\$ or US-4608115-\$ or US-4578133-\$ or US-4572043-\$ or US-4364787-\$ or US-4297157-\$ or US-3963557-\$ or US-4610751-\$).did. or (US-5525175-\$ or US-3957570-\$ or US-4602977-\$ or US-6482278-\$).did. or (US-20030121614-\$).did.	USPAT; US-PGPUB	2003/09/26 16:08
308	6	((US-6550517-\$ or US-6524423-\$ or US-6523595-\$ or US-5759340-\$ or US-6533879-\$ or US-5660657-\$ or US-5556504-\$ or US-5545285-\$ or US-5308345-\$ or US-5275676-\$ or US-5224405-\$ or US-5091039-\$ or US-4941939-\$ or US-4925520-\$ or US-4767487-\$ or US-4726876-\$ or US-5021111-\$ or US-4617082-\$ or US-4726874-\$ or US-4608115-\$ or US-4578133-\$ or US-4572043-\$ or US-4364787-\$ or US-4297157-\$ or US-3963557-\$ or US-4610751-\$).did. or (US-5525175-\$ or US-3957570-\$ or US-4602977-\$ or US-6482278-\$).did. or (US-20030121614-\$).did.) and plasma	USPAT; US-PGPUB	2003/09/26 16:23
311	4934	(hour-glass or (hour adj glass) or hourglass) near3 shap\$4	USPAT; US-PGPUB	2003/09/26 16:24
312	19	((hour-glass or (hour adj glass) or hourglass) near3 shap\$4) near10 (recess or recessed) near10 (surface or face or portion)	USPAT; US-PGPUB	2003/09/26 16:25



313	6	(surface adj roughness) and ((US-6550517-\$ or US-6524423-\$ or US-6523595-\$ or US-5759340-\$ or US-6533879-\$ or US-5660657-\$ or US-5556504-\$ or US-5545285-\$ or US-5308345-\$ or US-5275676-\$ or US-5224405-\$ or US-5091039-\$ or US-4941939-\$ or US-4925520-\$ or US-4767487-\$ or US-4726876-\$ or US-5021111-\$ or US-4617082-\$ or US-4726874-\$ or US-4608115-\$ or US-4578133-\$ or US-4572043-\$ or US-4364787-\$ or US-4297157-\$ or US-3963557-\$ or US-4610751-\$).did. or (US-5525175-\$ or US-3957570-\$ or US-4602977-\$ or US-6482278-\$).did. or (US-20030121614-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 16:39
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